

**WHAT IS CLAIMED IS:**

1. A data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,
  - 5 wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information; and
  - 10 wherein a plurality of records including a unique feature information associated with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further associated with the unique mesh information to represent the position of the feature or the guidance information, is stored as one data.
- 15 2. The data structure of a feature guidance information according to claim 1,
  - wherein the sub-areas are divided in a matrix, and
  - wherein the unique mesh information corresponds to the measure of the sub-areas each constituting a cell of the matrix in vertical and horizontal directions.
- 20 3. The data structure of a feature guidance information according to claim 1,
  - wherein the guidance information of the guidance is recorded being associated with each data.
- 25 4. A recording medium storing a data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,
  - wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information, and

wherein a plurality of records including a unique feature information associated with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further associated with the unique mesh information to represent the position of the feature or the 5 guidance information, is stored as one data in a manner readable by a computing section.

5. A recording medium storing a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the 10 recording medium comprising:

a feature data area that stores a unique feature information associated with the feature;

a guidance position data area that stores a unique guidance position information associated with the guidance position of the feature; and

15 a mesh data area that stores a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position in pairs.

20 6. A recording medium storing a feature guidance information readable by a computing section to provide guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the recording medium comprising:

25 a unique feature information associated with the respective features;

a unique guidance position information respectively associated with the guidance position of the feature; and

a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing

the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position, the unique mesh information associated with the unique feature information or the unique guidance position information to represent the position of the feature or the  
5 guidance information,

wherein the unique feature information, the unique guidance position information and the unique mesh information are recorded as the single feature guidance information.

7. A navigation device, comprising:

a feature guidance information acquiring section that acquires a feature guidance  
10 information based on a data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,

15 wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information, and

20 wherein a plurality of records including a unique feature information associated with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further associated with the unique mesh information to represent the position of the feature or the guidance information, is stored as one data;

a current position information acquiring section that acquires a current position information for a current position of the movable body; and

25 a guidance providing section that provides guidance on a feature by recognizing that a movable body is positioned at a guidance position of the feature guidance information based on the acquired feature guidance information and the acquired current position information.

8. A navigation device, comprising:

a feature guidance information acquiring section that acquires a feature guidance information readable from a recording medium storing a data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,  
5 position located ahead of position in a moving direction of the movable body toward the feature,

wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information, and  
10

wherein a plurality of records including a unique feature information associated with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further associated with the unique mesh information to represent the position of the feature or the  
15 guidance information, is stored as one data in a manner readable by a computing section;

a current position information acquiring section that acquires a current position information for a current position of the movable body; and

20 a guidance providing section that provides guidance on a feature by recognizing that a movable body is positioned at a guidance position of the feature guidance information based on the acquired feature guidance information and the acquired current position information.

9. A navigation device, comprising:

a feature guidance information acquiring section that acquires a feature guidance information readable from a recording medium storing a feature guidance information  
25 readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the recording medium comprising:

a feature data area that stores a unique feature information associated with the

feature;

a guidance position data area that stores a unique guidance position information associated with the guidance position of the feature; and

5 a mesh data area that stores a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position in pairs,

the navigation device, further comprising:

10 a current position information acquiring section that acquires a current position information for a current position of the movable body; and

a guidance providing section that provides guidance on a feature by recognizing that a movable body is positioned at a guidance position of the feature guidance information based on the acquired feature guidance information and the acquired current position information.

15 10. A navigation device, comprising:

a feature guidance information acquiring section that acquires a feature guidance information readable from a recording medium storing a feature guidance information readable by a computing section to provide guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the recording medium comprising:

20 a unique feature information associated with the respective features;  
a unique guidance position information respectively associated with the guidance position of the feature; and

25 a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance

position, the unique mesh information associated with the unique feature information or the unique guidance position information to represent the position of the feature or the guidance information,

5 wherein the unique feature information, the unique guidance position information and the unique mesh information are recorded as the single feature guidance information,

the navigation device, further comprising:

a current position information acquiring section that acquires a current position information for a current position of the movable body; and

10 a guidance providing section that provides guidance on a feature by recognizing that a movable body is positioned at a guidance position of the feature guidance information based on the acquired feature guidance information and the acquired current position information.

11. A navigation device for providing guidance on a feature by a computing section when a movable body is moved to a predetermined guidance position located ahead of the 15 position of the feature in a moving direction of the movable body toward the feature, the navigation device comprising:

a current position information acquiring section that acquires a current position information of a current position of the movable body;

20 a feature guidance information acquiring section that acquires a feature guidance information including: a unique feature information associated with the respective features; a unique guidance position information respectively associated with the guidance position of the feature; and a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the 25 positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position, the unique mesh information associated with the unique feature information or the unique guidance position information to represent the position of the feature or the guidance information; and

a guidance providing section that provides guidance on the corresponding feature

associated with the guidance position, by recognizing that the movable body is positioned at the guidance position represented by the unique mesh information associated with a predetermined sub-area, when the movable body is moved to a position corresponding to the predetermined sub-area of the feature guidance information, based on the current  
5 position information and the feature guidance information.

12. The navigation device according to claim 7, further comprising:

a guidance information acquiring section that acquires the guidance information of the guidance on the feature while being associated with the feature position or the guidance position,

10 wherein the guidance providing section provides the guidance based on the guidance information corresponding to the guidance position by recognizing that the movable body is positioned at the guidance position.

13. The navigation device according to claim 8, further comprising:

a guidance information acquiring section that acquires the guidance information of the guidance on the feature while being associated with the feature position or the  
15 guidance position,

wherein the guidance providing section provides the guidance based on the guidance information corresponding to the guidance position by recognizing that the movable body is positioned at the guidance position.

20 14. The navigation device according to claim 9, further comprising:

a guidance information acquiring section that acquires the guidance information of the guidance on the feature while being associated with the feature position or the  
guidance position,

wherein the guidance providing section provides the guidance based on the  
25 guidance information corresponding to the guidance position by recognizing that the movable body is positioned at the guidance position.

15. The navigation device according to claim 10, further comprising:

a guidance information acquiring section that acquires the guidance information of the guidance on the feature while being associated with the feature position or the

guidance position,

wherein the guidance providing section provides the guidance based on the guidance information corresponding to the guidance position by recognizing that the movable body is positioned at the guidance position.

5 16. The navigation device according to claim 11, further comprising:

a guidance information acquiring section that acquires the guidance information of the guidance on the feature while being associated with the feature position or the guidance position,

10 wherein the guidance providing section provides the guidance based on the guidance information corresponding to the guidance position by recognizing that the movable body is positioned at the guidance position.

17. A navigation system, comprising:

15 a server unit provided with a storage that stores a feature guidance information based on a data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,

20 wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information, and

25 wherein a plurality of records including a unique feature information associated with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further associated with the unique mesh information to represent the position of the feature or the guidance information, is stored as one data; and

a terminal unit connected to the server unit in a manner capable of communicating over network, the terminal unit including: a feature guidance information acquiring section that acquires a feature guidance information; a current position

information acquiring section that acquires a current position information associated with a current position of the movable body; and a guidance providing section that provides guidance on a feature by recognizing that a movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.

5

18. A navigation system, comprising:

a server unit provided with a storage that stores a feature guidance information readable from a recording medium storing a data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the  
10 computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,

15 wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information, and

20 wherein a plurality of records including a unique feature information associated with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further associated with the unique mesh information to represent the position of the feature or the guidance information, is stored as one data in a manner readable by a computing section; and

25 a terminal unit connected to the server unit in a manner capable of communicating over network, the terminal unit including: a feature guidance information acquiring section that acquires a feature guidance information; a current position information acquiring section that acquires a current position information associated with a current position of the movable body; and a guidance providing section that provides guidance on a feature by recognizing that a movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.

19. A navigation system, comprising:

a server unit provided with a storage that stores a feature guidance information readable from a recording medium storing a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the recording medium comprising:

5 a feature data area that stores a unique feature information associated with the feature;

10 a guidance position data area that stores a unique guidance position information associated with the guidance position of the feature; and

15 a mesh data area that stores a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position in pairs,

the navigation system, further comprising a terminal unit connected to the server unit in a manner capable of communicating over network, the terminal unit including: a feature guidance information acquiring section that acquires a feature guidance information; a current position information acquiring section that acquires a current position information associated with a current position of the movable body; and a guidance providing section that provides guidance on a feature by recognizing that a movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.

20. A navigation system, comprising:

a server unit provided with a storage that stores a feature guidance information readable from a recording medium storing a feature guidance information readable by a computing section to provide guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the

position of the feature in a moving direction of the movable body toward the feature, the recording medium comprising:

- a unique feature information associated with the respective features;
- a unique guidance position information respectively associated with the guidance position of the feature; and
- a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position, the unique mesh information associated with the unique feature information or the unique guidance position information to represent the position of the feature or the guidance information,

wherein the unique feature information, the unique guidance position information and the unique mesh information are recorded as the single feature guidance information,

15           the navigation system, further comprising a terminal unit connected to the server unit in a manner capable of communicating over network, the terminal unit including: a feature guidance information acquiring section that acquires a feature guidance information; a current position information acquiring section that acquires a current position information associated with a current position of the movable body; and a guidance providing section that provides guidance on a feature by recognizing that a movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.

20           21.       A navigation system for providing guidance on a feature by a computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the navigation system comprising:

25           a server unit provided with a storage that stores feature guidance information, the server unit including: a unique feature information associated with the respective features; a unique guidance position information respectively associated with the guidance position

of the feature; and a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and  
5 the guidance position, the unique mesh information associated with the unique feature information or the unique guidance position information to represent the position of the feature or the guidance information; and

a terminal unit connected to the server unit in a manner capable of communicating over network, the terminal unit including: a feature guidance information  
10 acquiring section that acquires a feature guidance information; a current position information acquiring section that acquires a current position information associated with a current position of the movable body; a guidance providing section that provides guidance on a feature by recognizing that a movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position  
15 information.

22. The navigation system according to claim 17, wherein the guidance providing section recognizes that the movable body is positioned at the guidance position represented by the unique mesh information associated with a predetermined sub-area when the movable body is moved to a position corresponding to the predetermined  
20 sub-area of the feature guidance information.

23. The navigation system according to claim 18, wherein the guidance providing section recognizes that the movable body is positioned at the guidance position represented by the unique mesh information associated with a predetermined sub-area when the movable body is moved to a position corresponding to the predetermined  
25 sub-area of the feature guidance information.

24. The navigation system according to claim 19, wherein the guidance providing section recognizes that the movable body is positioned at the guidance position represented by the unique mesh information associated with a predetermined sub-area when the movable body is moved to a position corresponding to the predetermined

sub-area of the feature guidance information.

25. The navigation system according to claim 20, wherein the guidance providing section recognizes that the movable body is positioned at the guidance position represented by the unique mesh information associated with a predetermined sub-area  
5 when the movable body is moved to a position corresponding to the predetermined sub-area of the feature guidance information.

26. The navigation system according to claim 21, wherein the guidance providing section recognizes that the movable body is positioned at the guidance position represented by the unique mesh information associated with a predetermined sub-area  
10 when the movable body is moved to a position corresponding to the predetermined sub-area of the feature guidance information.

27. A navigation method for providing guidance on a feature by a computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the  
15 method comprising the steps of:

acquiring a feature guidance information including: a unique feature information associated with the respective features; a unique guidance position information respectively associated with the guidance position of the feature; and a unique mesh information associated with a sub-area representing the feature position and the guidance  
20 position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position, the unique mesh information associated with the unique feature information or the unique guidance information to represent the position of the feature or the guidance information;  
25 and

providing guidance on the feature by recognizing that the movable body is positioned at the guidance position of the feature based on the feature guidance information and the current position information.

28. A navigation method, comprising the steps of:

reading a feature guidance information based on a data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the  
5 feature,

wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information, and  
10

wherein a plurality of records including a unique feature information associated with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further associated with the unique mesh information to represent the position of the feature or the guidance information, is stored as one data,  
15

the method, further comprising the steps of:

acquiring a current position information associated with a current position of a movable body; and

providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information  
20 and the current position information.

29. A navigation method, comprising the steps of:

reading a feature guidance information readable from a recording medium storing a data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved  
25 to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,

wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance

position, the sub-areas respectively being associated with unique mesh information, and  
wherein a plurality of records including a unique feature information associated  
with the respective features and a unique guidance position information on the feature  
respectively associated with the guidance position of the feature, the records being further  
5 associated with the unique mesh information to represent the position of the feature or the  
guidance information, is stored as one data in a manner readable by a computing section,

the method, further comprising the steps of:

acquiring a current position information associated with a current position of a  
movable body; and

10 providing guidance on a feature by recognizing that the movable body is  
positioned at a guidance position of the feature based on the feature guidance information  
and the current position information.

30. A navigation method, comprising the steps of:

reading a feature guidance information readable from a recording medium storing  
15 a feature guidance information readable by a computing section for providing guidance on  
a feature by the computing section when a movable body is moved to a predetermined  
guidance position located ahead of the position of the feature in a moving direction of the  
movable body toward the feature, the recording medium comprising:

20 a feature data area that stores a unique feature information associated with the  
feature;

a guidance position data area that stores a unique guidance position information  
associated with the guidance position of the feature; and

25 a mesh data area that stores a unique mesh information associated with a sub-area  
representing the feature position and the guidance position, the sub-area being divided  
from an area representing the feature position and the guidance position according to the  
positional relationship shown in a map so that each sub-area includes at most one of the  
feature and the guidance position in pairs,

the method, further comprising the steps of:

acquiring a current position information associated with a current position of a

movable body; and

providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.

5 31. A navigation method, comprising the steps of:

reading a feature guidance information readable from a recording medium storing a feature guidance information readable by a computing section to provide guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the  
10 movable body toward the feature, the recording medium comprising:

a unique feature information associated with the respective features;  
a unique guidance position information respectively associated with the guidance position of the feature; and

a unique mesh information associated with a sub-area representing the feature  
15 position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position, the unique mesh information associated with the unique feature information or the unique guidance position information to represent the position of the feature or the  
20 guidance information,

wherein the unique feature information, the unique guidance position information and the unique mesh information are recorded as the single feature guidance information,

the method, further comprising the steps of:

acquiring a current position information associated with a current position of a  
25 movable body; and

providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.

32. A navigation program executing a navigation method for providing guidance on a

feature by a computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the program being executed by a computing section, the method comprising the steps of:

5        acquiring a feature guidance information including: a unique feature information associated with the respective features; a unique guidance position information respectively associated with the guidance position of the feature; and a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the 10 guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position, the unique mesh information associated with the unique feature information or the unique guidance position information to represent the position of the feature or the guidance information; and

15        providing guidance on the feature by recognizing that the movable body is positioned at the guidance position of the feature based on the feature guidance information and the current position information.

33.        A navigation program executing a navigation method by a computing section, the method comprising the steps of:

20        reading a feature guidance information based on a data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,

25        wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information, and

      wherein a plurality of records including a unique feature information associated

with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further associated with the unique mesh information to represent the position of the feature or the guidance information, is stored as one data,

5           the method, further comprising the steps of:

          acquiring a current position information associated with a current position of a movable body; and

          providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information  
10          and the current position information.

34.       A navigation program executing a navigation method by a computing section, the method comprising the steps of:

          reading a feature guidance information readable from a recording medium storing a data structure of a feature guidance information readable by a computing section for  
15          providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,

          wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of  
20          sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information, and

          wherein a plurality of records including a unique feature information associated with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further  
25          associated with the unique mesh information to represent the position of the feature or the guidance information, is stored as one data in a manner readable by a computing section,

          the method, further comprising the steps of:

          acquiring a current position information associated with a current position of a movable body; and

providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.

35. A navigation program executing a navigation method by a computing section, the  
5 method comprising the steps of:

reading a feature guidance information readable from a recording medium storing a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the  
10 movable body toward the feature, the recording medium comprising:

a feature data area that stores a unique feature information associated with the feature;

a guidance position data area that stores a unique guidance position information associated with the guidance position of the feature; and

15 a mesh data area that stores a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position in pairs,

20 the method, further comprising the steps of:

acquiring a current position information associated with a current position of a movable body; and

25 providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.

36. A navigation program executing a navigation method by a computing section, the method comprising the steps of:

reading a feature guidance information readable from the recording medium storing a feature guidance information readable by a computing section to provide

guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the recording medium comprising:

- a unique feature information associated with the respective features;
- 5 a unique guidance position information respectively associated with the guidance position of the feature; and
  - a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position, the unique mesh information associated with the unique feature information or the unique guidance position information to represent the position of the feature or the guidance information,

wherein the unique feature information, the unique guidance position information and the unique mesh information are recorded as the single feature guidance information,  
15 the method, further comprising the steps of:

acquiring a current position information associated with a current position of a movable body; and

providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.  
20

37. A recording medium storing a navigation program in a manner readable by a computing section, the program executing a navigation method for providing guidance on a feature by a computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the program being executed by a computing section, the method comprising the steps of:

acquiring a feature guidance information including: a unique feature information associated with the respective features; a unique guidance position information

respectively associated with the guidance position of the feature; and a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each  
5 sub-area includes at most one of the feature and the guidance position, the unique mesh information associated with the unique feature information or the unique guidance position information to represent the position of the feature or the guidance information; and

10 providing guidance on the feature by recognizing that the movable body is positioned at the guidance position of the feature based on the feature guidance information and the current position information.

38. A recording medium storing a navigation program in a manner readable by a computing section, the program executing a navigation method by a computing section, the method comprising the steps of:

15 reading a feature guidance information based on a data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,

20 wherein an area representing the position of the feature and the guidance position according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information, and

25 wherein a plurality of records including a unique feature information associated with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further associated with the unique mesh information to represent the position of the feature or the guidance information, is stored as one data,

the method, further comprising the steps of:

acquiring a current position information associated with a current position of a movable body; and

providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information  
5 and the current position information.

39. A recording medium storing a navigation program in a manner readable by a computing section, the program executing a navigation method by a computing section, the method comprising the steps of:

reading a feature guidance information readable from a recording medium storing  
10 a data structure of a feature guidance information readable by a computing section for providing guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of position in a moving direction of the movable body toward the feature,

wherein an area representing the position of the feature and the guidance position  
15 according to a positional relationship shown in a map is divided into a plurality of sub-areas each of which includes at most one of the feature position and the guidance position, the sub-areas respectively being associated with unique mesh information, and

20 wherein a plurality of records including a unique feature information associated with the respective features and a unique guidance position information on the feature respectively associated with the guidance position of the feature, the records being further associated with the unique mesh information to represent the position of the feature or the guidance information, is stored as one data in a manner readable by a computing section,

the method, further comprising the steps of:

25 acquiring a current position information associated with a current position of a movable body; and

providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.

40. A recording medium storing a navigation program in a manner readable by a

computing section, the program executing a navigation method by a computing section, the method comprising the steps of:

reading a feature guidance information readable from a recording medium storing a feature guidance information readable by a computing section for providing guidance on  
5 a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving direction of the movable body toward the feature, the recording medium comprising:

a feature data area that stores a unique feature information associated with the feature;

10 a guidance position data area that stores a unique guidance position information associated with the guidance position of the feature; and

a mesh data area that stores a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the  
15 positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position in pairs,

the method, further comprising the steps of:

acquiring a current position information associated with a current position of a movable body; and

20 providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.

41. A recording medium storing a navigation program in a manner readable by a computing section, the program executing a navigation method by a computing section,

25 the method comprising the steps of:

reading a feature guidance information readable from the recording medium storing a feature guidance information readable by a computing section to provide guidance on a feature by the computing section when a movable body is moved to a predetermined guidance position located ahead of the position of the feature in a moving

direction of the movable body toward the feature, the recording medium comprising:

a unique feature information associated with the respective features;

a unique guidance position information respectively associated with the guidance position of the feature; and

5           a unique mesh information associated with a sub-area representing the feature position and the guidance position, the sub-area being divided from an area representing the feature position and the guidance position according to the positional relationship shown in a map so that each sub-area includes at most one of the feature and the guidance position, the unique mesh information associated with the unique feature information or  
10          the unique guidance position information to represent the position of the feature or the guidance information,

wherein the unique feature information, the unique guidance position information and the unique mesh information are recorded as the single feature guidance information,

the method, further comprising the steps of:

15          acquiring a current position information associated with a current position of a movable body; and

providing guidance on a feature by recognizing that the movable body is positioned at a guidance position of the feature based on the feature guidance information and the current position information.